



3. An apparatus according to Claim 2, wherein  
said transfer means includes an electroconductive  
member for supporting the transfer material carrying  
member on the side opposite from a side for carrying  
5 the transfer material, and the voltage is applied to  
the electroconductive member.

4. An apparatus according to Claim 2 or 3,  
wherein the voltage applied to said transfer means  
10  $V_{tr}$ , when the toner image is transferred onto the  
transfer material carried onto the transfer material  
carrying member, and the voltage applied to said  
transfer means  $V_{pat}$  when the toner image for the  
density detection is transferred onto the transfer  
15 material carrying member, satisfy  $(1/5) \times V_{tr} \leq$   
 $V_{pat} \leq (4/5) \times V_{tr}$ .

5. An apparatus according to Claim 1, further  
comprising ambient condition detecting means for  
20 detecting an ambience condition, wherein the transfer  
intensity is controlled on the basis of of an output  
of said detector.

6. An apparatus according to Claim 5, wherein  
25 the transfer intensity is smaller when the toner image  
for the density detection is transferred onto said  
transfer material carrying member than when the toner





temperature of ambience.

13. An apparatus according to Claim 11 or 12,  
wherein said ambient condition detecting means  
5 includes humidity detecting means for measuring a  
humidity of ambience.

14. An apparatus according to Claim 11,  
further comprising transfer means supplied with a  
10 voltage to transfer the toner image, wherein the  
transfer intensity is a voltage supplied to said  
transfer means.

15. An apparatus according to 13, wherein  
15 said transfer means includes an electroconductive  
member for supporting the transfer material carrying  
member on the side opposite from a side for carrying  
the transfer material, and the voltage is applied to  
the electroconductive member.

20  
16. An apparatus according to Claim 11,  
wherein first and second density detection toner  
images of different densities are formed on said image  
bearing member, and the transfer intensity is  
25 different between when the first is transferred from  
said image bearing member onto said transfer material  
carrying member and when the second density detection



transfer material carrying member.

density detecting means for detecting a density of the toner image transferred onto said transfer material carrying member;

5            wherein first and second density detection toner images of different densities are formed on said image bearing member, and the transfer intensity is different between when the first is transferred from said image bearing member onto said transfer material  
10 carrying member and when the second density detection toner image is transferred from said image bearing member onto said transfer material carrying member.

21.    An apparatus according to Claim 20,  
15 further comprising transfer means supplied with a voltage to transfer the toner image, wherein the transfer intensity is a voltage supplied to said transfer means.

20        22.    An apparatus according to Claim 21, wherein said transfer means includes an electroconductive member for supporting the transfer material carrying member on the side opposite from a side for carrying the transfer material, and the  
25 voltage is applied to the electroconductive member.

23.    An apparatus according to Claim 20,

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